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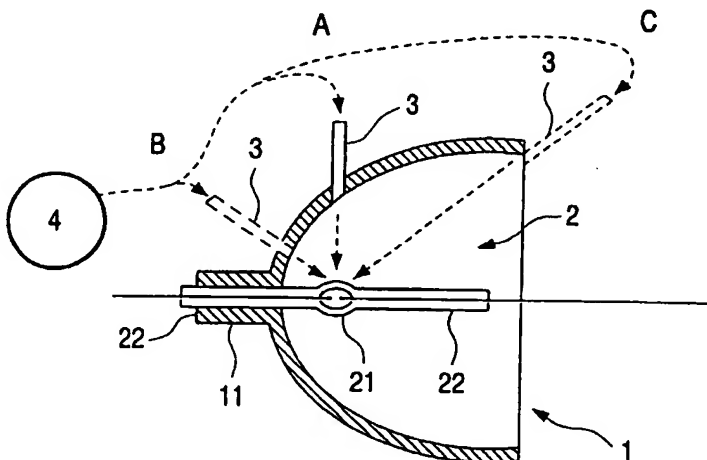
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ning of each regular issue of the PCT Gazette.

(54) Title: DISCHARGE LAMP HAVING COOLING MEANS



(57) Abstract: A discharge lamp, and particularly a high-pressure gas-discharge lamp (an HID (high-intensity discharge) lamp or UHP (ultra-high performance) lamp), having a reflector and a cooling means is described. The cooling means comprises at least one nozzle (3) by which a flow of gas can be directed onto the discharge lamp, the at least one nozzle (3) being so arranged that it does not extend, at least to any substantial degree, into a beam path produced by the lamp (2) and the reflector (1). In this way, the cooling means does not produce any obstacles on the beam path for the light. With preferred embodiments, it is possible to produce a turbulent flow that surrounds particularly the discharge vessel (21) of the lamp

and that considerably increases the effectiveness of the cooling means. Further embodiments also allow the discharge lamp to be operated in a plurality of different positions without individual regions of the lamp being too little or too severely cooled.

WO 2004/008482 A2

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10, 31 August 1998 (1998-08-31) -& JP 10 125287 A (MATSUSHITA ELECTRIC IND CO LTD), 15 May 1998 (1998-05-15) abstract; figure 1	1-3,8
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 353 (E-1393), 5 July 1993 (1993-07-05) -& JP 05 054862 A (IWASAKI ELECTRIC CO LTD), 5 March 1993 (1993-03-05) abstract; figure	1-3,8

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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